



Belassi



MARINE PROGRAMME



B3R Pure is available in Gray and Yellow.

B3R Pure 150 HP

TECHNICAL SPECIFICATIONS

CMHPC™ ERev™

DIMENSIONS

Length:	3.50 m / 137.79 in
Width:	1.20 m / 47.24 in
Height:	1.15 m / 45.28 in
Weight (dry):	380 kg
Rider capacity:	3 persons
Fuel capacity:	55 l / 18.5 gal
Storage capacity:	85 l / 22.5 gal

ENGINE

Engine type:	Marine 3 cylinder – 4 stroke
Engine family:	I3C16™
Displacement:	1602 cc
Bore x stroke:	100 x 68 mm
Performance:	150 HP
Intake system:	Multi-point fuel injection - Naturally aspirated - Electronic throttle body Ø 60 mm
Exhaust System:	Water cooled single stage downpipe with water injection
Valve train:	Direct acting double over head camshaft DOHC - 4 valves per cylinder
Compression ratio:	11,5 :1
Lubrication system:	Full dry sump oil pump
Cooling system:	Closed loop cooling system with heat exchanger integrated in the jet pump (patent procedure in progress)
Fuel type:	91 octane minimum via active knock control 95 octane recommended



Multifunctional backlit LCD dashboard



Ergal handlebar



Electric Reverse System (ERev™)



Integrated front splash deflector and specially reinforced bumpers

Main engine material: Aluminium

Cylinder block design: Closed fire deck principle with bedplate

Forged crankshaft, conrod, piston due to overall engine performance targets

Cylinder liners: NSC coated

EPD coating or anodization to protect the engine external surface against corrosive conditions.

DRIVE UNIT

Propulsion system:	Direct drive
Jet pump:	Aluminum housing - Integrated heat exchanger for engine closed loop cooling system - Stainless steel sleeve to protect against cavitations - Single stage axial flow, 8 vane stator
Couplers:	High pressure die cast HPDC aluminum
Impeller:	Stainless steel 3 blades
Intake grate:	High pressure die cast aluminum, hydrodynamic optimized to ensure perfect pump filling
Riding plate:	High pressure die cast aluminium
ERev™:	Electric Reverse System with axial displacement cylinders

ELECTRONIC SYSTEM

Ignition:	Digital
Starter:	Electric
Battery:	12V 20AH
Engine management systems:	Belassi SMPI-K™ - Belassi Sequential Multi-Point Injection with knock control
Throttle lever:	Contactless angle sensor
Brake lever:	Contactless angle sensor

HULL + COUNTERHULL

Type:	CMHPC™ Compression Molded High Performance Composite hull and counterhull structure
Hull shape:	Hydrodynamic optimised hull shape for extreme manoeuvrability and high speed stability
Counterhull:	Rigid structure glued into the hull interior to accommodate the forces implied by driving the PWC
Hull surface finish:	High scratch resistance due to in mold coating process (color Black)
Drains:	Dual vacuum drainage system
Front hook:	Hook contour design integrated in hull shape

SPONSONS

Sponsons:	Fully adjustable rear sponsons to tailor your ride: higher position for improved stability, lower position for more aggressive turning
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DECK

Deck:	CMHPC™ Compression Molded High Performance Composite structural deck
Bulkhead:	Rear bulkhead to ensure rigid torque box
Tow hook:	Aluminium tow hook integrated in the rear deck structure
Color:	Black

BODYPANELS

Panels:	Injection molded mass pigmented components, painted
Color:	Grey

BUMPERS

Front:	Grained, injection molded mass pigmented components, painted, with integrated front splash deflector
Middle:	Shock absorbing polymer
Rear:	Grained, injection molded mass pigmented components, painted, with integrated grab handles

SEAT

Seat:	Ergonomic seat in soft sponge
Upholstery:	High class, structured surface with watertight seams
Foam:	PU foam structure
Handles:	HPDC aluminium -painted
Seat frame:	Stiff seatframe for optimal rough sea stability

STEERING

Handlebar:	Ergal handlebar with co-molded grips with Belassi logo
Switches:	IP-68 push button switches
Pad:	Large soft PU safety pad
Steering shaft:	HPDC integral steering shaft for maximal rigidity
Steering system:	Direct steering system

COMPARTMENTS

Front storage:	74 l large front storage compartment positioned in the nose of the PWC, accessible via hood
Removeable storage:	10.5 l removable storage Box, positioned inside the front storage, double sealed and locked
Central storage:	7 lt storage area, in front of the driver, ideal to store small items
Rear storage:	4 lt storage area, under passenger seat, ideal to store small items

MIRRORS

Mirrors:	Adjustable rear view, wide angle mirrors attached to the deck structure - Color: shiny black
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MAT / PAD

Foot area:	Large textured traction mats provide optimal grip and water drainage
Knee pads:	Pads to improve knee comfort while driving
Rear area:	Large textured traction mats area in the rear section of the PWC

DASHBOARD

Dashboard:	Fully digital dashboard with integrated GPS sensor Dashboard operation via co-molded soft touch buttons or steering bar switches Warning lights for: low oil pressure, low fuel level, overheating Indications of engine rpm, vehicle speed (mph or km/h), hour meter, fuel level, trip, GPS position, Wake/ Eco mode
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ANTI THEFT

Anti theft:	Unique Belassi anti theft system
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OFF-THROTTLE

Off-throttle assisted steering:	Additional steering effect in off-throttle situations for optimal safety
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